

Appendix C

Emission Offsets

Pursuant to District Regulation 2, Rule 2, Section 302, offsets are required only for permitted sources. Therefore, emission offsets will be required for the NO_x, POC and PM₁₀ emission increases associated with S-55 Gas Turbine, S-56 HRSG, S-57 Gas Turbine and S-58 HRSG.

Table C-1 Emission Offset Summary

	NO _x	CO	POC	PM ₁₀	SO ₂
BAAQMD Calculated New Source Emission Increases ^a (ton/yr)	178.5	262.9	49.1	110.6	26.2
Offset Requirement Triggered	Yes	N/A	Yes	Yes	No
Offset Ratio	1.15 ^b	N/A	1.15 ^c	1.00	N/A
Offsets Required (tons)	205.3	0	56.5	110.6^d	0

^aSum of Gas Turbine (S-55 and S-57) and HRSG (S-56 and S-58) emission increases.

^bPursuant to District Regulation 2-2-302, the applicant must provide emission offsets at a ratio of 1.15 to 1.0 since the proposed facility NO_x emissions from permitted sources will exceed 50 tons per year.

^cPursuant to District Regulation 2-2-302, an offset ratio of 1.15 applies since the facility POC emissions are greater than 50 tons per year (present plant #26 has POC emissions of 11.7 tons/year).

^dApplicant has proposed to offset PM₁₀ emissions with SO₂ and PM₁₀ credits at ratios of 3:1 and 1:1, respectively. Use of SO₂ credits can only be approved in accordance with District Regulation 2-2-301.1. If applicant elects not to pursue offsetting PM₁₀ with SO₂ credits or the use of such SO₂ credits cannot be approved, applicant will offset all PM₁₀ emissions with PM₁₀ credits at a ratio of 1.0 to 1.0.